

# ESOcast Light 191: A Fleeting Moment in Time

<b>ESOcast Light: A Fleeting Moment in Time</b>	
<b>[Visual starts]</b>	
<b>New ESOcast intro</b>	New ESOcast introduction
<b>Title: A Fleeting Moment in Time</b>	
1. <b>ESO's Very Large Telescope</b> has captured the last breath of a <b>dying star</b> .	
2. The ghostly shell of the <b>planetary nebula ESO 577-24</b> surrounds the <b>simmering remains of a red giant star...</b>	
3. ...living out its <b>twilight years</b> as a <b>small but dense</b> dwarf star.	
4. Once it <b>began to exhaust its hydrogen</b> reserves, the vast red giant <b>contracted...</b>	
5. ...causing its <b>core to reignite</b> under the immense pressure and <b>eject its outer layers into the void</b> .	
6. Intense radiation from the core ionised these ejected layers, <b>making them glow</b> .	
7. As this <b>evanescent shell expands</b> , it will grow dimmer, slowly becoming <b>invisible</b> .	
<b>00:00</b> <b>[Outro]</b>	<i>Produced by ESO, the European Southern Observatory. Reaching new heights in Astronomy.</i>